(p. XCV)

Note for Hooker Ap 8 1860

Anemone 1 sp.
Caltha 1
Papaver 1
Arabis several sp. polymorphic or
Thlaspi ?
~~Capparis~~ ?
Viola several polymorphic
Frankenia 3 or 4 polymorphic
Scleranthus 3
Linum 1
Lavatera 1
Zygophyllum several
Trigonella 1
Mesembryanthemum 2 or 3
Daucus 1
Seseli 2 (?)
Sambucus 2
Asperula several
Galium several sp. polym
Erigeron several polymorph
Antennaria several
Helichrysum many very polymorphic
Gentiana 3 variable & polymorph
Erythraea 1
Myosotis 4 or 5
Euphrasia 10 or many polymorphic
Mentha 2 or 3
Teucrium 2
Ajuga 4 polymorphic

Statice 1
Plantago many or 10 polymorphic
Echinopsilon 1
Thesium 1
Fagus 2
Triglochin 4 or 5
Stipa many
Deyeuxia many

(35 or) 38 genera (11 monotypic)

Genera not found in Tropics common to Europe & Australia with endemic Australian species, supposed to have been made since coldest part of Glacial period.— Some, however, of the genera may perhaps have formerly been mundane; & some of the species may have migrated from North & survived in Australia but become extinct in ~~Northern~~ Hemisphere—

(or 35) 38 genera have identical sp. in Australia — Excluding aquatic plants belonging to genera f. in the world. & excluding isolated aquatic species

r sps

18/38 are monotypic

I intended in this list to copy out the Falkland & T. del Fuego plants, in parallel lines

1. Ranunculaceæ

1 Clematis indivisa (1)
2 — Colensoi ~~bi.~~ Colensoi
3 — hexasepala ⚥ & ♂ Shrub. dioecious
4 — parviflora
5 — foetida
6 Myosurus ~~[illegible]~~ aristatus (2) ⚥ herb
7 Ranunculus insignis (3)
8 — nivicola R. more
9 — geraniifolius
10 — plebeus
11 — hirtus
12 — multiscapus herbs ⚥
13 — macropus
14 — incisus
15 — rivularis
16 — acaulis
17 — sessiliflorus Add. 1
18 Caltha novæ Zelandiæ (4)

II. Magnoliaceæ

19 Drimys axillaris (5) Monoecious? tree

III Cruciferæ

20 Cardamine hirsuta (6)
21 — divaricata Arabis? fastigata
22 Nasturtium terrestre (7) herbs ⚥
23 Barbarea australis Thlaspi? australe
24 Lepidium oleraceum
25 — incisum

IV. Violaceæ

26 Viola filicaulis herbs pseudo. ♂ ♀
27 — Cunninghamii
28 Hymenanthera crassifolia Shrub ⚥
29 Melicytus ramiflorus occasionally trees
30 — macrophyllus Shrubs dioecious
31 — lanceolatus
32 — micranthus occasionally tree

List of Plants of N. Zealand from
Hookers Flora of N. Zealand.

V. Droseraceæ

33 Drosera stenopetala
34 —— arcturi
35 —— spathulata
36 —— binata
37 —— pygmæa
38 —— auriculata
} Herbs ⚥

VI Pittosporeæ

39 Pittosporum Tenuifolium tree ⚥
40 —— Colensoi tree do
41 —— obcordatum shrub do (~~tree of these~~)
42 —— rigidum shrub do
43 —— eugenioides tree dioecious?
44 —— cornifolium shrub ⚥
45 —— crassifolium shrub do
46 —— umbellatum tree ⚥
47 —— fasciculatum tree do
48 —— pimeleoides shrub dioecious

tree of these

VII Caryophylleæ

Gypsophila tubulosa

49 Stellaria parviflora
50 —— elatinoides
51 —— decipiens
52 —— gracilenta ~~sp.~~
53 Arenaria media
54 Colobanthus Billardieri

VIII Elatineæ

55 Elatine Americana

IX Lineæ

56 Linum monogynum

X Malvaceæ

57 Hibiscus Trionum
} Herbs ⚥

58 Plagianthus betulinus tree monoecious
59 —— divaricatus shrub do.
60 Hoheria populnea tree ⚥
61 —— Lyallii do ⚥

XI. Tiliaceæ

62 Entelea arborescens tree ☿

XII. Elæocarpeæ

63 Elæocarpus Hinau
64 ——— Hookerianus } trees ☿
65 Aristotelia racemosa tree ☿
66 ——— fruticosa shrub monoecious

XIII. Olacineæ

67 Pennantia corymbosa tree dioecious

XIV. Hypericineæ

68 Hypericum gramineum
69 ——— Japonicum } Herbs ☿

XV. Sapindaceæ

70 Alectryon excelsum tree ☿
71 Dodonæa viscosa tree dioecious

XVI. Meliaceæ

72 Hartighsea spectabilis tree ☿

XVII. Geraniaceæ

73 Geranium dissectum
74 ——— molle
75 ——— potentilloides
76 ——— brevicaule
77 Pelargonium clandestinum

XVIII. Oxalideæ

78 Oxalis corniculata
79 — Magellanica } herbs ☿

XIX. Rutaceæ

80 Melicope ternata tree ☿
81 ——— simplex shrub do.
82 Phebalium nudum tree ☿

XX. Coriarieæ

83 Coriaria ruscifolia
84 ——— thymifolia } Shrubs ☿

XXI. Rhamneæ

85 Pomaderris elliptica shrub ☿

86 Pomaderris ericifolia
87 Pomaderris ? sp.
88 Discaria australis } shrub ⚥

XXII Stackhouseæ

89 Stackhousia minima herb ⚥

XXII Anacardiaceæ

90 Corynocarpus lævigata tree ⚥

XXIII Leguminosæ

91 Clianthus puniceus shrubs
92 Carmichælia australis
93 (two of these) odorata
94 pilosa
95 flagelliformis
96 juncea } ⚥
spew genus small tree ⚥
97 Edwardsia grandiflora tree ⚥

XXIV Rosaceæ

98 Rubus australis shrub dioecious monoecious ?
99 Potentilla anserina
100 Acæna Sanguisorbæ
101 — inermis
102 — microphylla ③
103 Geum Magellanicum
104 — parviflorum

XXV Onagrariæ

105 Fuchsia excorticata
106 — procumbens
107 Epilobium nummularifolium
108 linnæoides E. brevipes
109 macropus E. crassum
110 rotundifolium
111 alsinoides
112 microphyllum
113 tenuipes
114 glabellum
115 melanocaulon } Herb ⚥

Epilobia might be [illegible] [illegible] pairs at least

116 Epilobium tetragonum
117 —— junceum
118 —— pubens
119 —— Billardieri
120 —— pallidiflorum (Ad 21-22)

XXVI. Haloragea

121 Haloragis alata
122 —— (Goniocarpus) tetragyna } Herbs ⚥
123 —— —— depressa
124 —— —— tenella
125 Myriophyllum elatinoides } Herbs dioecious
126 —— variæfolium
127 Callitriche verna Herb monoecious
128 Gunnera monoica } Herbs dioecious
129 —— prorepens

XXVII Myrtaceæ

130 Metrosideros florida } trees ⚥
131 —— lucida
132 —— albiflora
133 —— diffusa } shrub ⚥
134 —— hypericifolia
135 —— Colensoi
136 —— robusta } tree ⚥
137 —— tomentosa
138 —— scandens shrub ⚥
139 Leptospermum scoparium } tree ⚥
140 —— ericoides
141 Myrtus bullata tree ⚥
142 —— pedunculata } shrubs ⚥ ③
143 —— obcordata
144 Eugenia Maire Tree ⚥

XXVIII Cucurbitaceæ

145 Sicyos angulatus Herb dioecious

XXIX Passifloreæ

Decandolle says one at Cape, shrub

146 Passiflora tetranda Shrub monoecious

XXX Portulaceæ

147 Claytonia Australasica
148 Montia fontana

XXXI Scleranthææ

149 Scleranthus biflorus

XXXII Crassulaceæ

150 Tillæa verticillaris — Herb ⚥
151 debilis
152 — purpurata
153 (Bulliarda) moschata

XXXIII Ficoideæ

154 Mesembryanthemum australe
155 Tetragonia expansa — [illegible]

XXXIV Escallonieæ

156 Carpodetus serratus
157 Quintinia serrata
158 — elliptica

XXXV Cunoniaceæ

159 Ackama rosæfolia
160 Weinmannia sylvicola
161 — racemosa

(156–161) tree ⚥

XXXVI Saxifrageæ

162 Donatia Novæ-Zelandiæ — Herb ⚥

XXXVII Brexiaceæ

163 Ixerba brexioides — tree ⚥

XXXVIII Umbelliferæ

164 Hydrocotyle Americana
165 — heteromeria
166 Asiatica
167 — tripartita
168 — Novæ-Zelandiæ
169 — moschata
170 — microphylla
171 dissecta
172 — elongata

(164–172) Herb ⚥ [illegible] [illegible] flowers

173 Pozoa trifoliolata
174 Eryngium vesiculosum
175 Apium australe
176 — filiforme
176 Crantzia lineata
} Herbs ☿

177 Aciphylla squarrosa. A. monroi) (add 1 sp. [illegible])
178 Anisotome Lyalli
179 — intermedia
180 — Gingidium
181 — aromatica
182 — [illegible]
183 — [illegible]
Herb monoecious
or dioecious
I think all should
be called [illegible]

184 Daucus brachiatus
185 Oreomyrrhis Colensoi
} Herb ☿

XXXIX Araliaceæ

186 Panax anomala
187 — linearis
188 — simplex
189 — Edgerleyi
190 — arborea
191 — Colensoi
} All Trees monoecious or polygamous

192 Aralia polaris — Herb monoecious
193 — Schæfflera — Trees monoecious
194 — crassifolia — Do Do
195 — Lessoni — Do Do
196 Botryodendrum Sinclairii — Do. monoecious

XL Corneæ

197 Griselinia lucida — Shrub dioecious
199 Corokia buddleioides
200 — Cotoneaster
} Shrub [illegible] ??

XLI Loranthaceæ

201 Loranthus tetrapetalus
202 — Colensoi
203 — flavidus
204 — micranthus
} Shrub ☿

205 Loranthus tenuiflorus [illegible] ⚥ ~~Shrub dioecious~~
206 Tupeia antarctica Shrub dioecious
207 Viscum salicornioides do ?

XLII Caprifoliaceæ

208 Alseuosmia macrophylla
209 — quercifolia
210 Banksii
211 linariifolia
Shrubs ⚥

all [illegible] into one [illegible]

XLIII Rubiaceæ

212 Coprosma lucida
213 grandiflora
214 — Baueriana
[illegible]
215 — robusta Shrub do
216 — fœtidissima do do
217 spathulata
218 tenuicaulis
219 rhamnoides
220 divaricata
221 parviflora
222 rotundifolia
223 myrtillifolia [illegible] ?
224 propinqua
225 acerosa
226 — microcarpa
227 depressa
228 cuneata
229 — repens
230 — pumila
231 Opercularia diphylla
232 — aspera
[illegible]
233 Nertera depressa
234 — Cunninghamii
235 — dichondræfolia
236 — setulosa
Herbs ⚥
237 Galium tenuicaule Herb ⚥ ?

238 Galium propinquum } Herbs [illegible]
239 Asperula perpusilla

XLIV. Compositæ

240 Olearia (operina
241 — semidentata
242 angustifolia? } [illegible]
243 — Colensoi
244 Lyallii O. insignis [illegible]
245 Eurybia furfuracea tree
246 nitida tree
247 Cunninghamii tree } [illegible]
248 — dentata tree
249 albida tree
250 — nummularifolia
251 — Solandri } Shrubs [illegible]
252 — virgata
253 — Forsteri } [illegible]
254 — avicenniæfolia
255 Celmisia holosericea
256 verbascifolia
257 coriacea
258 — Mackaui } Herbs [illegible]
259 spectabilis
260 gracilenta
261 incana
262 discolor
263 hieraciifolia
264 glandulosa
265 Eurybiopsis australis Her [illegible]
266 Lagenophora Forsteri
267 — (petiolata
268 — (pinnatifida } herbs [illegible] with some [illegible] ft.
269 — lanata
270 Brachycome radicata
271 Cotula coronopifolia Herb [illegible] some [illegible]

273 Cotula australis
274 Leptinella squalida
275 minor
276 — dioica
277 — pusilla
278 Myriogyne minuta
279 Trineuron pusillum
280 Craspedia fimbriata
} Herbs Hermaphrodite

281 Cassinia leptophylla
282 retorta (3)
283 Vauvilliersii
} Shrubs ⚥ with a few unisexual

284 Ozothamnus glomeratus
285 — microphyllus
286 — depressus O. Coralloides O. selago.
} Shrubs do

287 Raoulia australis
288 — tenuicaulis
289 glabra
290 — subsericea
291 grandiflora R. bryoides
} Herbs do

292 Gnaphalium [illegible]
293 bellidioides
294 — Lyallii
295 trinerve
296 keriense
297 luteo-album
298 involucratum
299 japonicum
300 collinum
Herbs do

301 Helichrysum filicaule
302 Leontopodium
} Herbs do

303 Erechtites prenanthoides
304 arguta
305 hispidula
306 quadridentata
[illegible]

307 Senecio Lagopus Herb do

11

308 [illegible] [illegible]
309 [illegible]
310 [illegible]
311 [illegible]
312 [illegible]
313 [illegible]
314 [illegible]
315 [illegible]
316 Colensoi
317 [illegible]
318 Greenii Shrub
319 (Brachyglottis) Forsteri
320 [illegible] Shrub
321 [illegible]
322 — — [illegible]
323 — — [illegible]
324 — sciadophilus S. ~~Bryoides~~
325 Microseris Forsteri
326 Picris hieracioides
327 Taraxacum officinale
328 Sonchus oleraceu

XLV Stylidiea

329 Forstera sedifolia
330 — tenella
331 Bidwillii
332 — clavigera

XLVI Goodenovia

333 Goodenia repens Herb

XLVII Lobeliaceæ

334 Colensoa physaloides
335 Pratia angulata
336 Lobelia anceps
337 — perpusilla

XLVIII Campanulaceæ

338 Wahlenbergia gracilis
339 — saxicola

XLIX Ericeæ

340 Gaultheria antipoda
341 — rupestris
342 — Colensoi
343 — fagifolia
344 — oppositifolia

L Epacrideæ

345 Cyathodes (acerosa } tree ☿
346 — (oxycedrus } (3)
347 — empetrifolia shrub do
348 Leucopogon fasciculatus (3)
349 — Colensoi
350 — Frazeri
351 Pentachondra pumila } Shrubs ☿
352 Epacris pauciflora
353 — alpina (3)
354 — ? racemosa
355 Dracophyllum latifolium } trees ☿
355 — Menziesii
356 — strictum
357 — affine — shrub do
358 — tenuifolium tree do
359 — Lyallii — do
360 — squarrosum do
361 — filifolium
362 — Lessonianum
363 — Urvilleanum } shrub do
364 — scoparium tree ??
365 — subulatum
366 — rosmarinifolium
367 — recurvum

[illegible]

LI Myrsineæ

368 Suttonia salicina tree diœcious
369 — australis shrub do
370 — divaricata do
371 — nummularia do

LII Sapoteæ

372 Sapota costata [illegible]

LIII Oleineæ

373 Olea Cunninghamii
374 — lanceolata ③ [illegible]
375 montana

LIV Loganiaceæ

376 Logania depressa [illegible] ?
377 Geniostoma ligustrifolium [illegible]

LV Gentianeæ

378 Gentiana montana
379 — concinna [illegible]
380 Sebæa ovata

LVI Apocineæ

381 Parsonsia capsularis
382 rosea
383 atrosanguinea [illegible]
384 variabilis

LVII Solaneæ

385 Solanum aviculare [illegible]
386 nigrum

LVIII Convolvulaceæ

387 Calystegia sepium
388 tuguriorum
389 Soldanella
390 marginata [illegible]
391 Ipomoea pendula
392 Convolvulus erubescens
393 Dichondra repens
394 Cuscuta densiflora

LIX Cyrtandraceæ

395 Rhabdothamnus Solandri [illegible]

3 LX Scrophularineæ

396 Calceolaria Sinclairii [illegible]
397 — repens

398 Mimulus repens

399 ? radicans

400 Mazus pumilio

401 Gratiola sexdentata

402 nivescens

403 Glossostigma elatinoides

404 Limosella aquatica

405 Veronica macroura

406 speciosa

407 Dieffenbachii

408 salicifolia

409 macrocarpa

410 ligustrifolia

411 parviflora

412 pubescens

413 diosmæfolia

414 Menziesii

415 elliptica

416 laevis

417 buxifolia

418 tetragona

419 pimeleoides

420 Lavaudiana

421 cataractæ

422 diffusa

423 Bidwillii

424 Lyallii

425 nivalis

426 spathulata

427 Raoulii

428 elongata

429 Ourisia macrophylla

430 – macrocarpa ③

431 – cæspitosa

432 Euphrasia cuneata

433 Euphrasia (antarctica
434 revoluta
435 [illegible]

LXI. Boragineæ

436 Myosotis (capitata
437 — Forsteri
438 — australis
439 — antarctica Herbs ⚥
440 — spathulata
441 — (Exarrhena) petiolata
442 — — saxosa
443 — — Lyallii

LXII Verbenaceæ

444 Vitex littoralis — ⚥
445 Teucridium parvifolium Shrub ⚥
446 Avicennia tomentosa Tree ⚥

LXIII Myoporineæ

447 Myoporum lætum ⚥

LXIV Labiatæ

448 Mentha Cunninghamii
449 Scutellaria humilis. S. N. Zelandica } Herbs ⚥

LXV Lentibulariæ

450 Utricularia Novæ-Zelandæ
451 — Colensoi ③ } Herbs ⚥
452 protrusa

LXVI. Primulaceæ

453 Samolus littoralis [illegible] ⚥

LXVII Plantagineæ

454 Plantago uniflora
455 — (carnosa
456 spathulata Herbs ⚥
457 — Raoulii

LXVIII. Nyctagineæ

458 Pisonia Sinclairii tree

LXIX Polygoneæ

459 Polygonum prostratum [illegible] ⚥

460 Polygonum aviculare
461 — Dryandri } herbs ⚥
462 — (Muhlenbeckia) australe
463 — — complexum
464 — — ephedroides } [illegible]
465 — axillare
466 Rumex flexuosus ⚥

LXX Amaranthaceæ

467 Alternanthera sessilis Herb ⚥

LXXI Chenopodiaceæ

468 Chenopodium triandrum
469 — urbicum
470 — glaucum
471 — ambrosioides
472 carinatum
473 — Pumilio
474 Sudæa maritima
475 Atriplex cinerea
476 — patula
477 — Billardieri
478 Salsola australis
479 Salicornia Indica } Herbs [illegible] or polygamous [illegible]

③

LXXII Laurineæ

480 Tetranthera calicaris Tree [illegible]
481 Nesodaphne Tarairi
482 — Tawa } trees ⚥
483 Cassytha paniculata) Herb ⚥

LXXIII Monimiaceæ

484 Laurelia Novæ-Zelandæ [illegible]
485 Hedycarya dentata [illegible]

LXXIV Proteaceæ

486 Knightia excelsa
487 Persoonia Toro } trees ⚥

LXXV Thymeleæ

488 Pimelea longifolia Shrub [illegible]

469 Pimelea virgata
490 — prostrata
491 — arenaria
492 — Urvilleana — Shrub ☿
493 — Gnidia
494 — Lyallii
495 Drapetes Dieffenbachii — do ☿
496 — muscosa

LXXVI Santalaceæ

497 Exocarpus Bidwillii — Shrub ☿
498 Santalum Cunninghamii — do ☿

LXXVII Urticeæ

499 Trophis ? opaca
500 Urtica ferox — Shrub
501 — australis ③
502 — lucifuga
503 Australina Novæ-Zelandiæ — Herb monoecious
504 Parietaria debilis — do
505 Elatostemma rugosum — do

LXXVIII Euphorbiaceæ

506 Euphorbia glauca

LXXIX Piperaceæ

507 Piper excelsum — tree ⚥
508 Peperomia Urvilleana — Herb do

LXXX Chloranthaceæ

509 Ascarina lucida — Shrub dioecious

LXXXI Cupuliferæ

510 Fagus Menziesii
511 — fusca
512 — Solandri — Tree monoecious
513 — Cliffortioides

LXXXII Coniferæ

514 Dammara australis
515 Thuja Doniana
516 Podocarpus ferruginea

517 Podocarpus nivalis shrub
518 — spicata
519 — Totara
520 — dacrydioides
521 Dacrydium cupressinum — Tree
522 — Colensoi ③
523 — laxifolium shrub.
524 Phyllocladus trichomanoides
525 — alpinus

Class Monocotyledones

LXXXIII Naiadaceæ

526 Triglochin triandrum
527 Potomogeton natans P. pectinatus
528 — ochreatus
529 Ruppia maritima
530 Zannichellia palustris

LXXXIV Pandaneæ

531 Freycinetia Banksii

LXXXV Aroideæ

532 Typha angustifolia
533 Sparganium simplex
534 Lemna minor
535 — gibba

LXXXVI Orchideæ

536 Earina mucronata
537 — autumnalis
538 Dendrobium Cunninghamii
539 Bolbophyllum pygmæum
540 Sarcochilus adversus
541 Prasophyllum Colensoi
542 — tunicatum
543 — pumilum
544 — nudum
545 Spiranthes Novæ-Zelandiæ
546 Orthoceras Solandri

15 gen. | 22 spec.

547 Thelymitra Forsteri
548 — imberbis
549 — pulchella
550 — uniflora
551 — pauciflora
552 Microtis porrifolia
553 Acianthus Sinclairii
554 Cyrtostylis oblonga
555 — rotundifolia
556 — macrophylla (3)
557 Adenochilus gracilis
558 Caladenia minor
559 Lyallii (3)
560 — ? bifolia
561 Pterostylis Banksii
562 — ? australis
563 [illegible] graminea
564 micromega
565 foliata
566 — trullifolia
567 — puberula
568 — squamata
569 Nematoceras oblonga
570 — macrantha
571 — triloba
572 — rotundifolia
573 — rivularis
574 Gastrodia Cunninghamii

LXXXVII Irideæ

575 Libertia ixioides
576 — micrantha

5 LXXXVIII Hypoxideæ

577 Hypoxis hygrometrica

LXXXIX Smilaceæ

578 Rhipogonum scandens
579 Callixene parviflora

XC Liliaceæ

580 Arthropodium cirrhatum

Gen 14 | 34 4

581 Arthropodium candidum

582 Chrysobactron Hookeri

583 Dianella intermedia

584 Phormium tenax ? V.

585 Cordyline stricta

586 — australis

587 — indivisa

588 Herpolirion Novæ-Zelandiæ

589 Astelia Cunninghamii

590 — linearis

591 — nervosa

592 — Solandri

593 — Banksii

XCI Palmæ

594 Areca sapida

XCII. Junceæ

595 Juncus maritimus

596 — vaginatus

597 — effusus

598 — planifolius

599 — cephalotes

600 — bufonius

601 Novæ-Zelandiæ

602 — capillaceus

603 Luzula campestris

604 — picta

XCIII Restiaceæ

605 Leptocarpus simplex Var

606 Calorophus elongata

607 minor (3)

608 ?

609 Gaimardia setacea

610 Alepyrum pallidum

XCIV Cyperaceæ

611 Cyperus ustulatus

612 Scirpus maritimus

613 — lacustris (3)

614 — triqueter

9

15 | 34

615 Eleocharis sphacelata var 8
616 gracilis
617 Isolepis nodosa var 3.
618 setacea
619 cartilaginea
620 prolifera
621 (Demoschœnus spiralis
622 Fimbristylis velata
623 Carpha alpina
624 Chætospora tenax
625 tendo
626 pauciflora
627 imberbis
628 - axillaris
629 concinna
630 nitens
631 Oreobolus pectinatus
632 Cladium glomeratum
633 teretifolium ③
634 articulatum
635 Vincentia anceps
636 Lampocarya affinis
637 — tenax
638 lacera
639 xanthocarpa
640 Gahnia setifolia
641 — procera
642 Lepidosperma australis
643 longitudinalis ③
644 striata
645 Carex Pyrenaica
646 — acicularis
647 -- inversa
648 Colensoi
649 - stellulata
650 .. teretiuscula
651 secta

13. | 37

652 Carex virgata
653 subdola
654 ternaria
655 testacea
656 Raoulii
657 lucida
658 breviculmis
659 fascicularis var
660 littorea
661 trifida
662 Solandri
663 dissita
664 Lambertiana
665 vacillans
666 Forsteri (22) var
667 Uncinia scabra
668 distans
669 leptostachya
670 divaricata
671 rupestris
672 filiformis
673 Banksii var
674 rubra
675 caespitosa v. 3
676 australis
677 ferruginea

XCV Gramineæ

678 Ehrharta Colensoi
679 Microlæna stipoides
680 Diplax avenacea
681 polynoda
682 Alopecurus geniculatus
683 Paspalum scrobiculatum
684 distichum
685 Isachne australis
686 Oplismenus æmulus

8 | 35

687 Spinifex hirsutus
688 Aristida calycina
689 Dichelachne crinita
690 sciurea (3)
691 stipoides
692 Apera arundinacea
693 Sporobolus elongatus
694 Agrostis canina
695 — (Trichodium) parviflora V
696 — quadriseta
697 Lyallii
698 — pilosa
699 Echinopogon ovatus
700 Deyeuxia Billardieri
701 Forsteri (3)
702 setifolia
703 Arundo conspicua
704 Hierochloe redolens
705 — borealis
706 Deschampsia cæspitosa
707 Trisetum antarcticum
708 Danthonia antarctica (D. nuda/ 4th
709 — rigida
710 — bromoides
711 — pilosa
712 — gracilis
713 semiannularis V. 3
714 Glyceria stricta
715 Kœleria cristata
716 Poa imbecilla
717 — anceps V 3
718 — affinis V. 2
719 laxis V 2
720 Catabrosa Antarctica
721 Festuca scoparia
722 foliosa

18 | 37

723 Festuca duriuscula
724 (Vulpia) bromoides
725 Schedonorus littoralis
726 Bromus arenarius
727 Triticum multiflorum
728 — scabrum
729 Gymnostichum gracile
730 Zoysia pungens.

5

Hooker Flora of Tasmania

V. no two countries present all var. of same sp. in contiguous p. XIV

— Best marked var. on confines of range

— Simplest groups present most variable species

VI. More unstable than stable forms — social plants constant

VII. no relation between isolation of groups & closeness or definition of their species.

— Extinction allows us to define groups.

IX Conditions of cultivation are not really unnatural

XIII. One var. constant, the other var. of same sp. variable.

XV. Flora of isl not nearest related to nearest mainland.

XVI. great contrast between Hebrides & Fiji

XVII Effect of dampness in extending range of Tropical productions

— Has used glacial hypothesis for New Zealand mountains

XVIII. Fuegian species not entering Mexican table-land

XIX to — Geological succession — no progression

XXIV Many plants are higher- (so-called) plants reduced. On Highness & Lowness

XXVII. Richness of Australia in forms — XXVIII not so very peculiar a Flora as thought to be.

XXIX Peculiarities common to same orders in diverse parts of world. —

XXXI on similar proportion in great groups. (due to battle of life)

XXXIII & IV Relation to Africa — XXXV. Invaders in S.E. Australia

XXXVI No of species to genera in Australia

XLI Exclusive Tropical orders are all Indian. see M.S. note LIV

XLII. Great range of many tropical sp. become on must Extinction during Glacial p. good see M.S. note Ask Hooker.

L. Entire want of reciprocity between India & Australia

LI. Wonderful difference between S.E & S.W. Australia

LIII to IV The S.E. a much more mixed & competed Flora: the invaders have destroyed many indigenous

LVI Tasmanian list closed geographically LXXXIV Discussion on the European Plants.
much modification in Tasmania LXXXV. The alpines of the Mundane genera are more variable than the
alpines of Australian genera. — Perhaps the latter existed before glacial epoch. —

LXXXVII Wonderful lack or absence of Aus. Plants in N. Zealand — strong non-continental land.
Dominant invaders in N. Zealand. LXXXIX Lord Howe's Island. —

LXXXIX Antarctic Plants XCII. & XCVIII S. African Forms: relation with respect to glacial period

XCV & XCVII Important lists bearing on glacial — many mountains ~~[illegible]~~ in Australia

XCVIII Grand lists bearing on Glacial Distribution V. good remark p. CII

C. Not reciprocity in Europe with Australia

Hooker Flora Tasmania

p. CI. Relation of fossil & recent plants

CIII Discussion on Glacial Flora

CIV Good remarks on Struggle for Existence

CV. On naturalised plants good — M.S. Remarks on. —

CX Many native Esculent plants